

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Group Art Unit:
Mary Ann Meador et al. : Patent Examiner:
Serial No. New Application :
Filed: Herewith: :
For: Novel Substituted Cyclohexene :
Endcaps For Polymers with
Thermal-Oxidative Stability :
23 day of October, 2003.

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INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 1.56 and in accordance with 37 C.F.R. 1.97-1.98, submitted herewith is Form PTO 1449 together with statements regarding the following publications and/or patents as they relate to the above-identified Application for patent.

US Patent 4,302,575 discloses that polyetherimide prepolymers having terminal aliphatically unsaturated end-stopping groups can be prepared by the reaction between an aromatic bis(ether anhydride), an organic diamine and an aliphatically unsaturated monoanhydride, such as maleic anhydride, or 3,6-endomethylene-1,2,3,6-tetrahydronaphthalic anhydride.

US Patent 4,963,645 and U.S. Patent 4,302,575 disclose substituted CA as the monoanhydride used to cap a polyetherimid oligomer to produce polyimides. The CA is proposed as a crosslinking group, but there is no reference to curing in an inert atmosphere. This is critical with the CA endcap, since aromatization competes with crosslinking in the presence of air, resulting in a porous, brittle product.

The Examiner is respectfully requested to make the above-identified patents and/or publications of record in this Application as required by MPEP Section 609. This Information Disclosure Statement should not be construed as a representation that no better prior art exists.

Respectfully submitted,

Mary Ann Meador et. al.

By:



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CITATION OF PRIOR ART AND REEXAMINATION OF PATENTS

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